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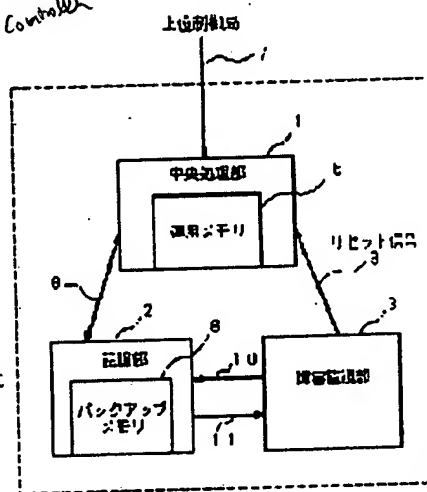
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## (54) AUTONOMOUS PROGRAM FAULT RESTORING SYSTEM

(57)Abstract:

1 PROBLEM TO BE SOLVED: To provide an autonomous  
 2 program fault restoring system whereby a down-loaded (1) Controller  
 3 program is automatically executed and restarting is (monitor)  
 4 autonomously executed even when a fault occurs due to the  
 5 program. (key up) (network or Controller)  
 6 SOLUTION: A central processing part down-loads an  
 7 operation program 7 from a high-order control station so as  
 8 to store it in an operation memory 5 and executes the stored  
 9 operation program 7. A fault monitoring part 3 monitors the  
 10 central processing part 1 and transfers the operation program  
 11 8 which is preserved in a back-up memory 6 to the operation  
 12 memory 5 of the central processing part 1 as against a (first)  
 13 storage part 2 when abnormality is detected. The storage part  
 14 2 preserves reads out the operation program from the  
 15 operation memory 5 so as to preserve it in the back-up  
 16 memory 6. decoder



## LEGAL STATUS

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